

PTO/SB/08A (08-00)  
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<b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 1 of 7	<b>Application Number</b>	09/621,565
	<b>Filing Date</b>	07/21/2000
	<b>First Named Inventor</b>	Miri Seiberg
	<b>Group Art Unit</b>	1615
	<b>Examiner Name</b>	Blessing M. Fubara
	<b>Attorney Docket Number</b>	JBP0510

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		3,097,947	A	Kemmerer	07-16-1963	
		4,056,637	A	Hagiwara et al	11-01-1977	
		4,434,095	A	Chlips et al.	02-28-1984	
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Examiner Signature	<i>Blessing Fubara</i>	Date Considered	2/05/05
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 7

Application Number	09/621,565
Filing Date	07/21/2000
First Named Inventor	Miri Seiberg
Group Art Unit	1615
Examiner Name	Blessing M. Fubara
Attorney Docket Number	JBP0510

## U.S. PATENT DOCUMENTS

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BF		6,358,242	B1	Cecchetti	03-19-2002	
		6,413,546	B1	He et al.	07-02-2002	
		6,433,025	B1	Lorenz	08-13-2002	
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		6,558,656	B2	Mann	05-06-2003	
hce		2004/0009142	A1	Zambaux et al.	01-15-2004	

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Sheet 3 of 7

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Filing Date	07/21/2000
First Named Inventor	Miri Seiberg
Group Art Unit	1615
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## FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup> KindCode <sup>3</sup>	Number <sup>4</sup>	A1				
bfc		EP	0 341 745	A1	FIDIA S.p.A.	11-15-1989		
		EP	0 393 532	A2	Schering Corporation	10-24-1990		
		EP	0 476 311	A1	De Stoutz	03-25-1992	English Claims from B1 Document	No
		EP	0 508 886	A1	Digital Equipment Corporation	10-14-1992	=JP 5114905	
		EP	0 574 352	A1	Ciba-Geigy AG	12-15-1993		
		EP	0 643 083	A1	Essilor International	03-15-1995	English Abstract and Claims from B1 Document	No
		EP	0 643 960	A1	Laboratoire de Biologie Vegetale Yves Rocher	03-22-1995	=US 5,741,496	No
		EP	0 655 470	A1	Ciba-Geigy AG	05-31-1995	=US 5,712,356 & 5,936,052	No
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		EP	1 192 938	A2	J&J Consumer Products Inc.	04-03-2002	JBP0523	
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		EP	1 236 465	A2	J&J Consumer Products Inc.	09-04-2002	J&J2002	
		FR	2 596 986	A1	Sederma SA (FR)	10-16-1987	English Abstract	No
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		FR	2 685 202	A1	Sederma SA (FR)	06-25-1993	English Abstract	No
		FR	2 811 226	A1	Clarins Laboratoires	01-11-2002		Yes
	JP	1096106	A	Shiseido Company, Ltd	04-14-1989		Yes	
	JP	5015574	A	Japan Atom Energy Res Inst, et al.	01-26-1993		Yes	
	JP	5114905	A	Digital Equipment Corp.	05-07-1993	=EP 0 508 886	No	
	JP	6145061	A	Fuji Seiyu KK	05-24-1994	English Abstract	No	
	JP	6192085	A	Inada Y	07-12-1994	English Abstract	No	
	JP	7010772	A	Fuji Seiyu KK	01-13-1995	English Abstract	No	

Examiner Signature	Blessing Fubara	Date Considered	2-05-05
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<b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 4 of 7	Application Number	09/621,565
	Filing Date	07/21/2000
	First Named Inventor	Miri Seiberg
	Group Art Unit	1615
	Examiner Name	Blessing M. Fubara
	Attorney Docket Number	JBP0510

**FOREIGN PATENT DOCUMENTS**

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		Office <sup>3</sup> KindCode <sup>3</sup>	Number <sup>4</sup>	A				
bc		JP	7196527	A	Morinaga Milk Ind. Co. Ltd.	08-01-1995	English Abstract	No
		JP	7196529	A	Morinaga Milk Ind. Co. Ltd.	08-01-1995	English Abstract	No
		JP	7304655	A	Kikkoman Corp.	11-21-1995		Yes
		JP	8012560	A	Shiseido Company, Ltd.	01-16-1996		Yes
		JP	8040824	A	Nonogawa Shoji:KK	02-13-1996	English Abstract	No
		JP	8059450	A	Kose Corporation	03-05-1996	English Abstract	No
		JP	8143442	A	Kikkoman Corp.	06-04-1996	English Abstract	No
		JP	8333260	A	Kaminomoto Honpo:KK	12-17-1996	English Abstract	No
		JP	9025212	A	Shiseido Co. Ltd.	01-28-1997		Yes
		JP	9025214	A	Shiseido Co. Ltd.	01-28-1997		Yes
		JP	9077638	A	Art Beauty Clinic KK	03-25-1997	English Abstract	No
		JP	9176033	A	Pigeon Corp.	07-08-1997	English Abstract	No
		JP	11346695	A	National Food Res. Inst. Ryookoku Shoji KK	12-21-1999		Yes
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		KR	92-8853	B	Song	10-10-1992	English Abstract	No
		WO	87/07838	A1	Societe Bio Serae Sarl	12-30-1987	=US 4,978,528	No
		WO	91/04283	A1	Chang et al.	04-04-1991		
		WO	92/09639	A2	Bausch & Lomb Incorporated	06-11-1992		
		WO	92/09650	A1	Bausch & Lomb Incorporated	06-11-1992		
		WO	94/06485	A1	Ciba-Geigy AG	03-31-1994		
		WO	95/04609	A1	Ciba-Geigy AG	02-16-1995		
		WO	95/09002	A1	University of Pennsylvania	04-06-1995		
		WO	95/09011	A1	University of Pennsylvania	04-06-1995		
		WO	96/24392	A1	Fidia Advanced Biopolymers	08-15-1996		
bc		WO	96/40121	A1	Taisho Pharmaceutical Co. Ltd.	12-19-1996		Yes

Examiner Signature	Blessing Fubara	Date Considered	2-05-05
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 5 of 7	<b>Application Number</b>	09/621,565
	<b>Filing Date</b>	07/21/2000
	<b>First Named Inventor</b>	Miri Seiberg
	<b>Group Art Unit</b>	1615
	<b>Examiner Name</b>	Blessing M. Fubara
	<b>Attorney Docket Number</b>	JBP0510

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		Office <sup>3</sup> KindCode <sup>5</sup>	Number <sup>4</sup>	A1				
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		WO	97/18904	A1	Massachusetts Institute of Technology	05-29-1997		
		WO	98/01107	A1	Industria E Comercio de Cosméticos Natura	01-15-1998		
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		WO	98/17246	A1	ROC	04-30-1998		
		WO	98/33089	A1	Menicon Co., Ltd.	07-30-1998	=US 6,018,001	No
		WO	99/09065	A1	Eberhard-Karls-Univ.	02-25-1999		Yes
		WO	99/15917	A1	Novartis AG	04-01-1999		
		WO	99/57178	A1	Bausch & Lomb Incorporated	11-11-1999		
		WO	00/43049	A1	Pharmacia & Upjohn Company	07-27-2000		
		WO	01/34099	A1	J&J Consumer Products Inc.	05-17-2001	JBP0518	
BF		WO	01/35920	A1	Hindustan Lever Limited	05-25-2001		

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

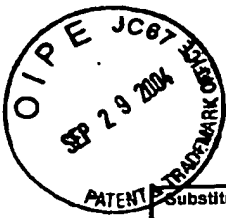
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
BF		"A Combined Soybean Crushing-Deodorizing System that Yields 100-200 Mesh Powder for Food Additive Use has been Developed by SHINYU ZOKI CO. LTD. And MITSUBISHI RAYON ENGINEERING LTD.", <i>Tech Times</i> , pp 10 (1978).	
		"Soy Protein Prevents Skin Tumors From Developing in Mice", <i>Gene Therapy Weekly</i> , ISSN 1078-2842, pp 21 (November 8, 2001).	
		"Soy Therapy", <a href="http://www.wiseessentials.com/soytherapy.html">www.wiseessentials.com/soytherapy.html</a> (email from Jue-Chen Liu, Ph.D. to Cunero et al dated April 13, 2000) WISE ESSENTIALS.	
		BABIARZ-MAGEE ET AL, "The Expression and Activation of Protease-Activated Receptor-2 Correlate with Skin Color", <i>Pigment Cell Res</i> , Vol. 17 (2004) pp 241-251.	
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Examiner Signature	Blessing Fubara	Date Considered	2-05-05
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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bf		GALVEZ ET AL, "Chemopreventive Property of a Soybean Peptide (Lunasin) That Binds to Deacetylated Histones and Inhibits Acetylation", <i>Cancer Research</i> , Vol. 61, No. 20, pp 7473-7478 (October 15, 2001).	
		HAFEZ ET AL, "Effects of Gamma Irradiation on Proteins and Fatty Acids of Soybean", <i>Journal of Food Science</i> , Vol. 50 (1985) pp 1271-1274.	
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		HOLLENBERG ET AL, "Proteinase-Activated Receptor-2 in Rat Aorta: Structural Requirements for Agonist Activity of Receptor-Activating Peptides", <i>Molecular Pharmacology</i> , Vol. 49, pp 229-233 (1996).	
		JINGTIAN ET AL, "Studies of Soy Sauce Sterilization and its Special Flavour Improvement by Gamma-Ray Irradiation", <i>Radiation Physics and Chemistry</i> , Vol. 31, Nos 1-3, pp 209-213 (1988)	
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		KENNEDY, "The Evidence for Soybean Products as Cancer Preventive Agents", <i>The Journal of Nutrition</i> , Vol. 125, No. 3 Suppl, pp 733s-743s (March 1995).	
		KOVACS ET AL, "Effect of Irradiation and Dielectric Heating on Soybean Ultrastructure, Trypsin Inhibitor, and Lipoxygenase Activities", <i>Food Structure</i> , Vol. 10, pp 217-227 (1991)	
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		LIU ET AL, "Application of Soy In Skin Care", <i>Journal Nutr.</i> , Vol. 132 (2002) pp 574S.	
		Merck Index (12th Edition), Edited by Susan Budavari (1996) Thrombin., entry 9525, p 1601.	
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		MYSLIBORSKI ET AL, "Therapy for Acne Vulgaris", <i>Comprehensive Therapy</i> , Vol. 7, No. 1, pp 13-16 (January 1981).	
		ODANI ET AL, "Studies on Soybean Trypsin Inhibitors. XIII. Preparation and Characterization of Active Fragments from Bowman-Birk Proteinase Inhibitor", <i>Journal Biochem.</i> , Vol. 83, No. 3, pp 747-753 (1978).	
	PAINE ET AL, "An Alternative Approach to Depigmentation by Soybean Extracts via Inhibition of the PAR-2 Pathway", <i>Journal Investigative Dermatology</i> , Vol. 116 (2001) pp 587-595.		
bf		SCOTT ET AL, "Protease-Activated Receptor 2, a Receptor Involved in Melanosome Transfer, is Upregulated in Human Skin by Ultraviolet Irradiation", <i>Journal Investigative Dermatology</i> , Vol. 117 (2001) pp 1412-1420.	

Examiner Signature	Blessing Fubara	Date Considered	2-05-05
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 Sheet 7 of 7

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Group Art Unit	1615
Examiner Name	Blessing M. Fubara
Attorney Docket Number	JBP0510

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
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Examiner Signature	Blessing Fubara	Date Considered	2-05-05
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)  
Sheet 1 of 1

<b>Confirmation Number</b>	
<b>Application Number</b>	09/621,565
<b>Filing Date</b>	July 21, 2000
<b>First Named Inventor</b>	Miri Seiberg
<b>Group Art Unit</b>	1615
<b>Examiner Name</b>	Blessing Fubara
<b>Attorney Docket Number</b>	JBP510

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
BF		6,551,606	B1	Gotz-Berner et al.	04-22-2003	

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Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	7 <sup>a</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
BF		WO	00/76458	A2	Coty B.V.	12-21-2000	English Abstract US equivalent 6,551,606B1	No

Examiner Signature: <u>Blessing Fubara</u>	Date Considered: <u>2/05/05</u>
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Page 1 of 1

First Named Inventor	Miri Seiberg
Group Art Unit	1615
Examiner Name	Blessing M. Fubara
Attorney Docket Number	JBP0510

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